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U.S. EPA ENDOCRINE DISRUPTORS PROGRAM

**STAR PROGRESS REVIEW WORKSHOP**  
OFFICE OF RESEARCH AND DEVELOPMENT  
NATIONAL CENTER FOR ENVIRONMENTAL RESEARCH (NCER)  
ENVIRONMENTAL PROTECTION AGENCY

JULY 13-14, 2006

109 T.W. Alexander Drive  
RESEARCH TRIANGLE PARK, NC

**AGENDA**

**DAY 1- July 13, 2006**

- 8:30 AM INTRODUCTION- Susan Laessig, Project Officer/Toxicologist
- 8:40 AM OPENING REMARKS- Christopher Zarba, Acting Deputy Director,  
National Center for Environmental Research
- 9:00 AM OVERVIEW OF EPA ENDOCRINE DISRUPTOR RESEARCH PROGRAM-  
Elaine Francis, National Program Director

**Session 1: Effects of EDCs on Reproduction**

*Chair: Susan Laws, ORD/NHEERL, Reproductive Toxicology Division*

- 9:20 AM Susan Laws, TBA  
EPA, NHEERL
- 9:50 AM Victoria Holt, *Persistent Organic Pollutants and Endometriosis Risk*  
Fred Hutchinson  
Cancer Research  
Center
- 10:25 AM BREAK
- 10:40 AM Shanna Swan, *Study of Phthalates in Pregnant Women and Children*  
U. of Missouri
- 11:15 AM Dean Baker, *Latent Effects of Gestational Exposure to Heptachlor*  
UC- Irvine
- 11:50 AM DISCUSSION
- 12:00 PM – LUNCH BREAK EPA Cafeteria  
1:00 PM

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## **Session 2: Effects of EDCs on Puberty**

*Chair: Tammy Stoker, ORD/NHEERL, Reproductive Toxicology Division*

1:00 PM	Tammy Stoker, EPA, NHEERL	<i>The Effects of EDCs on Pubertal Development: Current Research Efforts by EPA</i>
1:30 PM	Russ Hauser, Harvard School of Public Health	<i>Dioxins, Male Pubertal Development, and Testis Function</i>
2:05 PM	Mary Beth Martin, Georgetown U.	<i>Low Dose Effects of In Utero Exposure to Cadmium on Puberty</i>
2:40 PM	BREAK	

## **Session 3: Integration of Exposure and Effects of EDCs**

*Chair: Jim Lazorchak, ORD/NERL, Ecological Exposure Research Division*

2:55 PM	Jim Lazorchak, EPA, NERL	<i>TBA</i>
3:25 PM	Lee Furguson, U. South Carolina	<i>Development of Receptor- to Population-Level Analytical Tools for Addressing EDC Exposure in Wastewater-Impacted Estuarine Systems</i>
4:00 PM	Heiko Schoenfuss, St. Cloud State U.	<i>Developing Rapid Assessment Tools to Evaluate the Biological Effects of Complex and Biologically Active Mixtures</i>
4:35 PM	PANEL DISCUSSION	<i>A Panel of representatives from Program Offices and Regions will discuss the relevance of STAR EDC research to their regulatory needs and answer questions about how EDC research results have been used at EPA.</i>
5:30 PM – 7:00 PM	POSTER SESSION	Research projects at EPA, student posters, jointly funded projects. All posters welcome! Refreshments will be served.

Group dinner reservations at a local restaurant will be arranged.

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## **DAY 2- July 14, 2006**

8:30 AM WELCOME BACK/RECAP

8:45 AM Grant Q&A Session, Susan Laessig and Barbara Glenn

### **Session 4: Effects of Thyroid Toxicants**

*Chair: Mary Gilbert, ORD/NHEERL, Neurotoxicology Division*

9:00 AM Mary Gilbert, EPA, TBA  
NHEERL

9:30 AM Henry Anderson, *Endocrine Disrupting Chemicals and Thyroid Outcomes*  
Wisconsin Dept. of  
Health and Family  
Services

10:05 AM Thomas Zoeller, *Low Dose Effects of Thyroid Toxicants on*  
U. Massachusetts- *Neurodevelopment*  
Amherst

10:40 AM BREAK

10:55 AM Jeffrey Fisher, U. *Development of a BBPK Model for the Thyroid Axis in*  
Georgia *the Pregnant Rat and Fetus for the Dose Response*  
*Analysis of Developmental Neurotoxicity*

11:30 AM DISCUSSION

12:00 PM- LUNCH BREAK EPA Cafeteria  
1:00 PM

### **Session 5: Methods to Estimate Exposure to EDCs**

*Chair: Carolyn Acheson, ORD/NRMRL*

1:00 PM Carolyn Acheson, EPA, TBA  
NRMRL

1:30 PM Gerald LeBlanc, North *Systems Approach to Assessing Cumulative Exposure to*  
Carolina State *EDCs*  
University

2:05 PM Michael Sepaniak, U. *Integrated Microfluidic System for Bioluminescent*  
Tennessee *Bioreporting, Separations, Vibrational Spectroscopy,*  
*and Microcantilever Transducer Evaluation of EDCs*

2:40 WORKSHOP SUMMARY- Susan Laessig

3:00 PM ADJOURN

<b>Tentative</b>	Tohren Kibbey, U. Oklahoma	<i>Rapid Detection of Trace EDCs in Complex Mixtures: A Full-Spectrum Deconvolution Technique with a UV- Transparent Passive Concentrator</i>
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